

10540524 3/20/06

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626KAS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the  
IPC reform  
NEWS 4 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 5 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 6 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 7 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 8 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 9 JAN 30 Saved answer limit increased  
NEWS 10 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA  
NEWS 11 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 12 FEB 22 Status of current WO (PCT) information on STN  
NEWS 13 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 14 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 15 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 16 FEB 28 MEDLINE/LMEDLINE reload improves functionality  
NEWS 17 FEB 28 TOXCENTER reloaded with enhancements  
NEWS 18 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral  
property data  
NEWS 19 MAR 01 INSPEC reloaded and enhanced  
NEWS 20 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 21 MAR 08 X.25 communication option no longer available after June 2006  
NEWS 22 MAR 22 EMBASE is now updated on a daily basis

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific

10540524 3/20/06

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:37:59 ON 01 APR 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:38:14 ON 01 APR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAR 2006 HIGHEST RN 878649-01-5

DICTIONARY FILE UPDATES: 30 MAR 2006 HIGHEST RN 878649-01-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

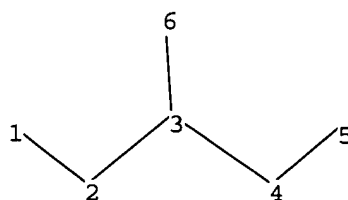
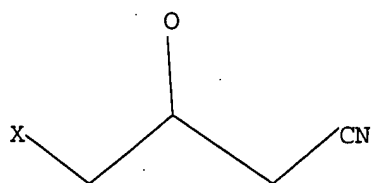
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10540524.str

10540524 3/20/06

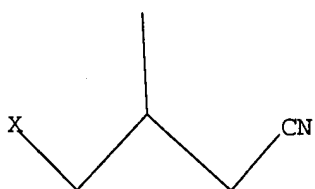


chain nodes :  
1 2 3 4 5 6  
chain bonds :  
1-2 2-3 3-4 3-6 4-5  
exact/norm bonds :  
3-6  
exact bonds :  
1-2 2-3 3-4 4-5

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS

L1 STRUCTURE UPLOADED

=> d  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 11:39:05 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 232 TO ITERATE

100.0% PROCESSED 232 ITERATIONS 13 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3727 TO 5553  
PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> s l1 full

10540524 3/20/06

FULL SEARCH INITIATED 11:40:10 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5135 TO ITERATE

100.0% PROCESSED 5135 ITERATIONS 210 ANSWERS  
SEARCH TIME: 00.00.01

L3 210 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
167.82	168.03

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:40:15 ON 01 APR 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 1 Apr 2006 VOL 144 ISS 15  
FILE LAST UPDATED: 31 Mar 2006 (20060331/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L4 181 L3

=> s l3 and haloacetate

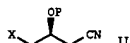
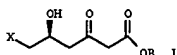
181 L3  
700 HALOACETATE  
504 HALOACETATES  
951 HALOACETATE  
(HALOACETATE OR HALOACETATES)

L5 1 L3 AND HALOACETATE

=> d ibib abs hitstr tot

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:606426 CAPLUS  
 DOCUMENT NUMBER: 141:140084  
 TITLE: Process for preparing 5(S)-hydroxy-3-oxo-hexanoic acid derivatives  
 INVENTOR(S): Shin, Hyun-ik; Choi, Bo-seung  
 PATENT ASSIGNEE(S): Lg Life Sciences Ltd., S. Korea  
 SOURCE: PCT Int. Appl., 13 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

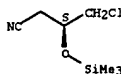
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063132	A1	20040729	WO 2003-KR2470	20031117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2512630	AA	20040729	CA 2003-2512630	20031117
AU 2003279583	A1	20040810	AU 2003-279583	20031117
EP 1583730	A1	20051012	EP 2003-772907	20031117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1738789	A	20060222	CN 2003-80108888	20031117
PRIORITY APPLN. INFO.:			KR 2003-2991	A 20030116
			WO 2003-KR2470	W 20031117
OTHER SOURCE(S):		CASREACT 141:140084; MARPAT 141:140084		
GI				



AB Optically active 5(S)-hydroxy-3-oxo-hexanoic acid derivs. [I; R = H, (un)saturated C1-4 alkyl; X = halogen/ e.g., tert-Bu 6-chloro-5(S)-hydroxy-3-

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 oxohexanoate), useful intermediates for prepg. statins such as atorvastatin and rosuvastatin (no data), are prepd. by the reaction of (S)-4-halo-3-hydroxybutyronitriles [II; P = H, hydroxy-protecting group; e.g., (S)-4-chloro-3-(trimethylsilyloxy)butyronitrile] with a  $\alpha$ -haloacetate YCH<sub>2</sub>CO<sub>2</sub>R (Y = Br, I; e.g., tert-Bu bromoacetate) in the presence of Zn metal activated by an org. acid (e.g., methanesulfonic acid) and the intermediate is hydrolyzed in the presence of an aq. acid. soln. (e.g., 3N HCl soln.).  
 IT 727382-14-1, (S)-4-Chloro-3-(trimethylsilyloxy)butyronitrile  
 RL: RCT (Reactant), RACT (Reactant or reagent)  
 (in a process for preparing 5(S)-hydroxy-3-oxo-hexanoic acid derivs.)  
 RN 727382-14-1 CAPLUS  
 CN Butanenitrile, 4-chloro-3-[(trimethylsilyl)oxy]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



10540524 3/20/06

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.98

176.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.75

-0.75

STN INTERNATIONAL LOGOFF AT 11:41:33 ON 01 APR 2006